

**UNDERGRADUATE COUNCIL
Request for Change(s)**

Originating unit requesting change

Department of Engineering

Type of Change requested:

- | | | |
|---|---|---|
| <input type="checkbox"/> Course number(s) | <input type="checkbox"/> Course prerequisite(s) | <input type="checkbox"/> Program title |
| <input type="checkbox"/> Course title | <input type="checkbox"/> Drop course(s) | <input type="checkbox"/> Program description |
| <input type="checkbox"/> Course description | <input checked="" type="checkbox"/> Drop program(s) | <input type="checkbox"/> Program requirements |

Semester and year change(s) take effect:

Spring 2021

Appropriate computer abbreviation if
course title is more than 30 spaces:

Briefly summarize the change requested:
Drop the Energy Systems Focus.

Programs Only

Current Title: _____

New Title: _____

Current Code: _____ Proposed New Code (list 2): _____ or _____
(ex: INDE-BFA)

Can have second major: ___ Yes ___ No

Current CIP Code: _____

Does the change require a new or change in CIP code? ___ Yes ___ No

If yes, what is the proposed CIP code? _____

*for reference, please visit: <https://nces.ed.gov/ipeds/cipcode/resources.aspx?y=56>

Catalog copy

Present catalog copy (paste-up from catalog is acceptable).

Proposed change(s). (Include exact catalog copy as desired. Underline changes)

Focus on Energy Systems

A focus area on energy systems is available in both the electrical and mechanical engineering emphases. It provides the opportunity to contribute solutions to the global energy problem and is designed for students wishing to work in the energy sector. Students acquire specific technical skills in energy systems in addition to a strong background in engineering fundamentals. Minimum required credit hours for students in this area of study are 135.

DELETE THIS SECTION

Focus on Energy Systems

Requirements

In addition to the other requirements for completion of their degree, students in this focus area must complete ENGR 40213 Sustainable Energy 3

Any three of the following:

ENGR 40223 Petroleum Reservoir Management 3

ENGR 40743 Thermal Systems Design 3

GEOL 50563 From Prospect to Production 3

GEOL 50423 Petroleum Geology 3

GEOL 50523 Introduction to Geographic Information Systems 3

ENSC 40193 Environmental Stewardship Seminar 3

With approval of the department chair, up to 6 credit hours may be earned by doing undergraduate research, and up to 3 credit hours may be earned in an industrial internship program. Two of the courses taken to complete the requirements of this focus area may count as engineering electives.

DELETE THIS SECTION

1. What is the justification for the change(s) requested?
Only one student has completed this focus in seven years. There are no students currently in the program.

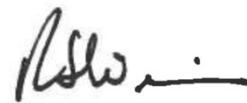
2. If applicable, explain how the change(s) will affect the current program outcomes and assessment mechanisms.
N/A

3. **Faculty Resources:** How will the unit provide faculty support for this change and any other impact this change may have on other current departmental listings.
N/A

4. **Educational Resources:** Will this change require additional resources not currently available (e.g. space, equipment, library, other)? YES
If yes, list additional resources needed. NO

5. If this change affects other units of the University, include a statement signed by the chairperson(s) of the affected unit(s).
N/A

6. If cross-listed, provide evidence of approval by all curriculum committees appropriate to both the originating and cross-listed units.
N/A



Approval signature of chairperson of originating unit